



TaqMan RT-PCR Results

Client: Kaprikorn

Order: 2027

Target pathogen: Hop Latent Viroid

31 October 2024



Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 10/30/2024
Date Received: 10/31/2024
Date Reported: 10/31/2024
Total samples: 82

NUMBER SAMPLES INFECTED: 0

Results interpretation:

C_T (cycle threshold) - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.

Control - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.

FRESH: <24 - 27 C_T
EXCELLENT: 27 - 30 C_T
GREAT: 30 - 32 C_T
OKAY: 32 - 35 C_T
FAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

HIGH: <15 - 20 C_T
MEDIUM: 21 - 28 C_T
LOW: 29 - <35 C_T
INCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	23.9	-	+
.Positive 2	-	-	33.17	+
Amaretto Sour 45366	30.17	-	-	-
Amaretto Sour 45367	27.25	-	-	-
Amaretto Sour 45368	26.9	-	-	-
Amaretto Sour 45369	26.27	-	-	-
Amaretto Sour 45370	26.42	-	-	-
Dantes Cookie Jar 45335	29.05	-	-	-
Dantes Cookie Jar 45336	28.68	-	-	-
Dantes Cookie Jar 45337	29.96	-	-	-
Dantes Cookie Jar 45338	30.1	-	-	-
Dantes Cookie Jar 45339	29.97	-	-	-
Dantes Cookie Jar 45340	31.02	-	-	-
Dantes Cookie Jar 45341	30.34	-	-	-
Gastro Pop #2 45321	31.42	-	-	-
Gastro Pop #2 45322	29.58	-	-	-
Gastro Pop #2 45323	29.35	-	-	-
Gastro Pop #2 45324	30.05	-	-	-



Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Gastro Pop #2 45325	30.09	-	-	-
Gastro Pop #2 45326	31.15	-	-	-
Gastro Pop #2 45327	30.02	-	-	-
Glitter Bomb 45316	29.35	-	-	-
Glitter Bomb 45317	30.43	-	-	-
Glitter Bomb 45318	31.14	-	-	-
Glitter Bomb 45319	29.88	-	-	-
Glitter Bomb 45320	31.19	-	-	-
Island Cookies 45294	27.86	-	-	-
Island Cookies 45295	29.64	-	-	-
Island Cookies 45296	28.97	-	-	-
Island Cookies 45297	28.54	-	-	-
Island Cookies 45298	29.59	-	-	-
Island Cookies 45299	27.96	-	-	-
Jack Murphy 45226	28.76	-	-	-
Jack Murphy 45227	30.59	-	-	-
Jack Murphy 45228	28.28	-	-	-
Jack Murphy 45229	30.03	-	-	-
Jack Murphy 45230	30.6	-	-	-
Jack Murphy 45231	31.27	-	-	-
Jack Murphy 45232	25.14	-	-	-
Lizard Burger #8 44122	26.54	-	-	-
Lizard Burger #8 44123	24.55	-	-	-
Lizard Burger #8 44124	24.11	-	-	-
Lizard Burger #8 44125	25.04	-	-	-
Lizard Burger #8 44126	25.48	-	-	-
Maui True Blood 45286	24.63	-	-	-
Maui True Blood 45287	25.87	-	-	-
Maui True Blood 45288	25.69	-	-	-
Maui True Blood 45289	25.32	-	-	-
Maui True Blood 45290	25.55	-	-	-
Maui True Blood 45291	26.89	-	-	-
Maui True Blood 45292	30.2	-	-	-
Maui True Blood 45293	30.79	-	-	-
Maui True Blood 45518	30.36	-	-	-
Maui True Blood 45519	31.75	-	-	-
Maui True Blood 45520	31.32	-	-	-
Maui True Blood 45521	31.06	-	-	-
Maui True Blood 45522	30.02	-	-	-
Maui True Blood 45523	29.05	-	-	-
OMG 45304	29.9	-	-	-
OMG 45305	27.18	-	-	-
OMG 45306	28.27	-	-	-
OMG 45307	28.91	-	-	-
OMG 45308	28.75	-	-	-
OMG 45309	29.33	-	-	-
OMG 45310	29.59	-	-	-
OMG 45311	29.87	-	-	-
Punch Breath 45312	28.8	-	-	-
Punch Breath 45313	27.33	-	-	-
Punch Breath 45314	28.49	-	-	-
Punch Breath 45315	29.61	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Purple Chrome #8 45328	28.35	-	-	-
Purple Chrome #8 45329	28.61	-	-	-
Purple Chrome #8 45330	27.9	-	-	-
Purple Chrome #8 45331	29.36	-	-	-
Purple Chrome #8 45332	30.51	-	-	-
Purple Chrome #8 45333	30.14	-	-	-
Purple Chrome #8 45334	28.55	-	-	-
Smashburger #27 45354	29.19	-	-	-
Smashburger #27 45355	29.46	-	-	-
Smashburger #27 45356	29.35	-	-	-
Smashburger #27 45357	28.62	-	-	-
Smashburger #27 45358	28.3	-	-	-
Smashburger #27 45359	28.35	-	-	-
Smashburger #27 45360	27.52	-	-	-

Amplification Plots:

RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2





















